

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE <i>(ER 1130-2-3165)</i>						PAGE 1 OF 1 DATE February 27, 2008	
TO: The Record					FROM: U.S. Army Corps of Engineers 26 Federal Plaza, ATTN: CENAN-OP-ST New York, NY 10278-0090		
RIVER/HARBOR NAME AND STATE: Raritan River, Mile 0.0-4.0, New Jersey					MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD		
NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)			
RARITAN RIVER, MILE 0.0-4.0							
MAIN CHANNEL Reach A: Great Beds Reach - From the turn in NY & NJ Channels near Great Beds Light to approximately 65 feet (ft) seaward of Green Can #3	File 511, Sheets 2-3 of 7; 11,18,20 December 2007 & 5,7,12,14,16,22 January 2008	300	0.70	25	14.9	21.5	21.8
MAIN CHANNEL Reach B: South Amboy Reach - From approximately 65 ft seaward of Green Can #3 to the New Jersey CRR Bridge	File 511, Sheets 3-5 of 7; 11,18,20 December 2007 & 5,7,12,14,16,22 January 2008	300	1.17	25	17.3	22.2	18.4
MAIN CHANNEL Reach C: Sandy Pt Reach - From the New Jersey CRR Bridge to the Hwy 35 Victory Bridge	File 511, Sheets 5-6 of 7; 11,18,20 December 2007 & 5,7,12,14,16,22 January 2008	300	0.92	25	20.8	17.5	20.0
MAIN CHANNEL Reach D (Partial): Keasby Reach - From the Hwy 35 Victory Bridge to approximately 140 ft seaward of Green Can #11	File 511, Sheets 6-7 of 7; 11,18,20 December 2007 & 5,7,12,14,16,22 January 2008	300	0.66	25	17.2	22.4	20.4
REMARKS: <ul style="list-style-type: none"> All depths are in Mean Low Water. The channel length is in nautical miles. 							
RARITAN RIVER, MILE 0.0-4.0							
Main Channel: <ul style="list-style-type: none"> Reach A: Great Beds Reach - In general, shoaling is present throughout much of the entire width of the channel. A break in shoaling for approximately 700 ft is present in the Right Outside Quarter (ROQ) and into the Middle Half (MH) beginning approximately 130 ft landward of Red Bell #2. Reach B: South Amboy Reach – Shoaling occupies the width of the channel to approximately 295 ft seaward from Junction R with a break in shoaling for approximately 635 ft. Shoaling then continues into all quarters of the channel until approximately 1,275 ft seaward from the New Jersey CRR Bridge. More shoaling begins approximately 895 ft seaward of the New Jersey CRR Bridge with lengths of approximately 665 ft, 375 ft, and 485 ft in the Left Outside Quarter (LOQ), MH, and ROQ, respectively. Reach C: Sandy Pt Reach – Shoals are present beginning approximately 180 ft landward of the New Jersey CRR Bridge with lengths of approximately 580 ft and 300 ft in the ROQ and MH, respectively. A shoal approximately 2,570 ft in length occupies most of the width of the LOQ beginning approximately 650 ft seaward of Green Can #7 to a distance approximately 220 ft seaward of HWY 35 Victory Bridge. Reach D (Partial): Keasby Reach – Shoaling is present throughout most of the entire width of the LOQ and extending up to one third of the width of the MH. Shoaling extends approximately 1,595 ft in the ROQ beginning approximately 560 ft seaward of Green Can #9. Shoaling continues in the ROQ approximately 555 ft landward of the Garden State Parkway. 							